

Claims:

1. A sampling apparatus comprising:
 - a peristaltic pump for introducing liquid sample into a measuring unit;
 - a determining unit for determining whether or not the sample is introduced; and
 - a control unit for controlling the peristaltic pump based on the determination result.
2. A sampling apparatus according to claim 1, wherein the control unit controls the peristaltic pump to increase the sampling speed, when it is determined that the sample is not introduced.
3. A sampling apparatus according to claim 1, further comprising a limit sensor provided to a path for discharging the sample from the measuring unit, and wherein the determining unit performs the determination based on a time from a sampling start and an output of the limit sensor.
4. A sampling apparatus according to claim 1, wherein a sealing member between the vessel for the sample and a member inserted into therein is provided with a seat with solvent and heart resistance and a shock absorbing rubber.